



Department of Environmental Quality
Water Bureau
Septage Program
Land Application Site/Location Inspection
Printed by authority of Part 117, 1994 PA 451, as amended

Business Name _____ Land Owner _____ License No. _____
Land Site Address _____ Site ID No. _____ Field No. _____
City _____ Township _____ County _____ Section _____
Type of Inspection ☐ Regular/Annual ☐ Follow up ☐ Complaint ☐ Other: _____
Type of Site ☐ Existing Site ☐ New Site

	Land Site Characteristics	Yes	No	NA															
1	Is this a DEQ licensed land site, verified by accessing the DEQ Septage Hauler directory on the website at www.michigan.gov/deqseptage ? If not, stop inspection, notify hauler not to use the land site until it is properly licensed.																		
2	Is this site/location actively used for septage disposal?																		
3	Are isolation distances being met? (Sec. 11710.[c][i] – ix))																		
	<table border="0"><thead><tr><th></th><th>Injection</th><th>Surface</th></tr></thead><tbody><tr><td>Distance to nearest residence or business: _____ feet</td><td>150 ft</td><td>800 ft</td></tr><tr><td>Distance to nearest drinking water well: _____ feet</td><td>150 ft</td><td>800 ft</td></tr><tr><td>Distance to nearest surface water (lake, stream, pond, drainage ditch, etc.) _____ feet</td><td>150 ft</td><td>500 ft</td></tr><tr><td>Distance to roads or property lines: _____ feet</td><td>150 ft</td><td>200 ft</td></tr></tbody></table> <p>Please be aware that there are isolation distances for public water supplies.</p>		Injection	Surface	Distance to nearest residence or business: _____ feet	150 ft	800 ft	Distance to nearest drinking water well: _____ feet	150 ft	800 ft	Distance to nearest surface water (lake, stream, pond, drainage ditch, etc.) _____ feet	150 ft	500 ft	Distance to roads or property lines: _____ feet	150 ft	200 ft			
	Injection	Surface																	
Distance to nearest residence or business: _____ feet	150 ft	800 ft																	
Distance to nearest drinking water well: _____ feet	150 ft	800 ft																	
Distance to nearest surface water (lake, stream, pond, drainage ditch, etc.) _____ feet	150 ft	500 ft																	
Distance to roads or property lines: _____ feet	150 ft	200 ft																	
4	Are the site/location slope requirements being met? (Sec. 11710.[e])																		
5	Is the septage waste being disposed at the location authorized by the DEQ?																		
6	Is the water table 30 inches or deeper below the applied septage waste? (Sec. 11710.[f])																		
7	Are the corners or boundaries of the disposal location or field clearly marked?																		
8	Does the hauler have a current soil sample analysis report for this site/location? (Sec. 11709 [e]) (11710 [k])																		
9	Are the soils suitable for septage waste disposal at this site/location?																		
Land Site Management Practices																			
10	The Agronomic Application Rate for this site/location is: _____ gallons/acre/year _____																		
11	Is the annual agronomic application rate limit exceeded? (Sec. 11710 [a])																		
12	Is the septage volume/application/disposal log book available and complete?																		
13	Does the septage firm have an up-to-date cropping plan? (Sec. 11710.[i])																		
14	Is public access restricted to this site? (Sec. 11710.[g][ii])																		
15	Are farm animals allowed to graze on the site? (Sec.11710.[g][iii])																		
16	If yes, are the animals meant for human consumption? (Sec. 11710.[h])																		
General Septage Waste Management Practices																			
17	Is the septage screened or passed through a septage grinder *? (Sec. 11710.[l]) Required beginning 10/12/06.																		
18	If yes, is the mesh or particle size 1/2 inch or less and/or slats 3/8 inch or less?																		
19	Is the septage applicator vehicle calibrated for surface or injection application?																		
20	Are odors evident at the disposal site?																		
21	Is septage waste applied to fallow land (without planted vegetation/crops)?																		
22	Is septage waste land applied over existing planted vegetation/crops?																		

	Surface Application	Yes	No	NA
23	Is septage waste surface applied?			
24	Is septage uniformly applied using splash plate or other device? (Sec. 11710.[a])			
25	Is septage waste incorporated within 6 hours of application or lime stabilized and incorporated within 48 hours of application to fallow land? (Sec. 11710.[g])			
26	Is there septage waste accumulation/or ponding beyond 6 hours after application?			
Subsurface Injection				
27	Is septage waste subsurface injected?			
28	Is the septage waste uniformly applied using application injection knives?			
29	Is there septage waste accumulation and/or ponding on the soil surface that is present more than one hour after injection?			
Land Application of Septage Waste in Winter Months**				
30	Is septage waste land applied during winter months?			
31	Is a written plan for land application of septage waste in winter months available?			
Septage Waste Lime Stabilization				
32	Is septage waste pH alkali tested? (Sec. 11711.[c])			
33	Are relevant accessories available to monitor septage waste pH?			
34	Is an accurate pH log kept?			
Food Establishment Waste				
35	Is food establishment septage (FES) land applied on this site/location?			
36	Is the FES mixed with domestic septage at a 1:3 ratio? (Sec. 11710.[j])			
37	Is a separate log kept by the septage firm to track the land application of FES?			
Septage Waste Storage Facility				
38	Does a septage waste storage facility (SWSF) exist?			
39	If yes, what is the total capacity of the tank(s) or lagoon?	_____ gallons		
40	Is the septage waste storage facility: <input type="checkbox"/> above grade <input type="checkbox"/> below grade <input type="checkbox"/> other _____			
41	Are leak monitoring devices installed to detect leaks of the SWSF?			
42	Is there evidence that the SWSF is leaking?			
43	Are odors evident?			

Action Recommended

- ☐ In Compliance ☐ Not In Compliance. If not in compliance, complete reinspection information.

Other Action (If Applicable)

- ☐ Reinspection (or Follow up) ☐ Reinspection Date: _____
☐ Warning Letter Sent ☐ Referral to DEQ
☐ Complaint ☐ Other _____

Inspector (Print): _____ Signature: _____

Inspector's e-mail address: _____

Health Dept/County: _____ Date of Inspection: _____

In Compliance means that the management of the land site has met the minimum requirements of the law based on the overall assessment of the inspection points stated above. A site "In Compliance" may or may not require reinspection. If reinspection is not required, document action taken for any minor violations observed under "comments" below.

Not In Compliance means that the management of the land site has not met the minimum requirements of the law based on the overall assessment of the inspection points stated above. A site "Not In Compliance" shall require reinspection in not more than 60 days from the date of the initial inspection.

* **Screening:** A requirement to screen septage before land application took effect on October 12, 2006.

** **Winter Septage Disposal:** Septage waste can still be land applied when the ground is not frozen, if proper incorporation or injection is possible. Submit a written plan describing how winter disposal can be properly managed.

Frozen Soil Disposal: A ban on septage waste disposal on frozen ground took effect on October 12, 2006.

You may use additional sheet(s) for comments.